

## **SECTION 10500 LOCKERS**

### **PART 1      GENERAL**

#### **1.01**

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Divisions 1 Specifications Sections, apply to this Section.

#### **1.02      SUMMARY**

- A. This Section includes the following types of lockers.

1. Hand Gun Lockers
2. Pass Thru Evidence Lockers
3. Personnel Duty Lockers
4. Knox-Box

#### **1.03      SUBMITTALS**

- A. General: Submit each item in this Section to the Conditions of the Contract and Division 1 Specification Sections.
- B. Products data for each type of locker specified, including details of construction, dimensions, profiles and finishes.

#### **1.04      QUALITY ASSURANCE**

- A. Single Source Responsibility: For each locker type, obtain lockers from one source of a single manufacturer.

#### **1.05      PROJECT CONDITIONS**

- A. Field Measurements: Take field measurements prior to the preparation of shop drawings and fabrication to ensure proper fitting.

### **PART 2      PRODUCTS**

#### **2.01      MANUFACTURERS**

A. DSM Law Enforcement Products 14 Robb Blvd., Orangeville Ont. L9W 3L2  
Telephone 1-800-941-4184, Fax 519-941- 4184

1. Gun lockers shall be by DSM Law Enforcement; Model # 141365 -02 or equal.
2. Pass thru evidence lockers shall be by DSM Law Enforcement; model # 04, # 16 and # 17 or equal.
3. Personnel duty lockers shall be by DSM Law Enforcement; Model # PDL 24 with sloped top at locker rooms and without sloped top but with 4" steel base at storage area or equal.

B. Knox -Box, Knox Company, 17672 Armstrong Avenue, Irvine, CA 92614; 1-800-552-5669; Fax 949-252-0482

1. Knox-Box shall be 3200 series with hinged door high security commercial key box with alarm tamper switch welded to pedestal, see drawings for locations.

## **2.02 FINISHES**

A. Colors and finished as selected by Architect from Standard Manufactures instructions.

## **PART 3 EXECUTIONS**

### **3.01 INSTALLATION**

- A. Gun lockers shall be surface mounted per manufacturer's instruction.
- B. Pass thru evidence lockers shall be installed per manufacturer's instruction.
- C. Personnel lockers in locker rooms shall be installed over raised cone, base. coordinate with electrical for concealed electrical runs under sloped tops.

### **3.02 CLEANING AND PROTECTION**

- A. After installation, clean lockers and protect units from damage until acceptance by owner.
- B. Provide owner with operating instructions and 2 year warranty.

**END OF SECTION**

## **SECTION 10520 FIRE-PROTECTION SPECIALTIES**

### **PART 1 - GENERAL**

#### **1.01 RELATED DOCUMENTS**

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

#### **1.02 SUMMARY**

- A. This Section includes the following:
  - 1. Portable fire extinguishers.
  - 2. Fire-protection cabinets for the following:
    - a. Portable fire extinguishers.
  - 3. Fire-protection accessories.
- B. Related Sections include the following:
  - 1. Division 9 Section "Painting" for field-painting fire-protection cabinets.

#### **1.03 SUBMITTALS**

- A. General: Submit each item in this Section according to the Conditions of the Contract and Division 1 Specification Sections.
- B. Product Data: Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for fire-protection specialties.
  - 1. Fire Extinguishers: Include rating and classification.
  - 2. Cabinets: Include roughing-in dimensions, details showing mounting methods, relationships of box and trim to surrounding construction, door hardware, cabinet type, trim style, and panel style.
- C. Samples for Initial Selection: Manufacturer's color charts consisting of units or sections of units showing the full range of colors, textures, and patterns available for each type of cabinet finish indicated.
- D. Samples for Verification: For each type of exposed cabinet finish required, prepared on Samples of size indicated below and of same thickness and material indicated for the

Work. If finishes involve normal color and texture variations, include sample sets showing the full range of variations expected.

1. Size: 6-by-6-inch- (150-by-150-mm-) square Samples.

#### **1.04 QUALITY ASSURANCE**

- A. Source Limitations: Obtain fire extinguishers and cabinets through one source from a single manufacturer.
- B. Compliance: Fabricate and label fire extinguishers to comply with Title 19 California code of regulations division 1, chapter 3, "Standard for Portable Fire Extinguishers."
- C. Fire Extinguishers: Listed and labeled for type, rating, and classification by an independent testing agency acceptable to authorities having jurisdiction.
  1. Provide extinguishers listed and labeled by FM.

#### **1.05 COORDINATION**

- A. Coordinate size of cabinets to ensure that type and capacity of fire extinguishers indicated are accommodated.
- B. Coordinate size of cabinets to ensure that type and capacity of hoses, hose valves, and hose racks indicated are accommodated.

### **PART 2 - PRODUCTS**

#### **2.01 MANUFACTURERS**

- A. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:
- B. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
  1. Portable Fire Extinguishers:
    - a. Amerex Corporation.
    - b. Ansul Incorporated.
    - c. Badger; Div. of Figgie Fire Protection Systems.
    - d. Buckeye Fire Equipment Company.
    - e. Fire-End & Croker Corporation.

- f. General Fire Extinguisher Corporation.
- g. J.L. Industries, Inc.
- h. Kidde: Walter Kidde, The Fire Extinguisher Co.
- i. Larsen's Manufacturing Company.
- j. Modern Metal Products; Div. of Technico.
- k. Moon/American, Inc.
- l. Pem All; Div. of Pem Systems, Inc.
- m. Potter-Roemer; Div. of Smith Industries, Inc.
- n. Samson Products, Inc.
- o. Watrous; Div. of American Specialties, Inc.

2. Fire- Protection Cabinets:

- a. Filtrine Manufacturing Company.
- b. Fire-End & Croker Corporation.
- c. General Accessory Manufacturing Co.
- d. J.L. Industries, Inc.
- e. Larsen's Manufacturing Company.
- f. Modern Metal Products; Div. of Technico.
- g. Moon/American, Inc.
- h. Potter-Roemer; Div. of Smith Industries, Inc.
- i. Samson Products, Inc.
- j. Thomas Enterprises.
- k. Watrous; Div. of American Specialties, Inc.

C. Available Products: Subject to compliance with requirements, products that may be incorporated into the Work include, but are not limited to, the products specified in the Fire-Protection Cabinet Schedule at the end of Part 3.

- D. Products: Subject to compliance with requirements, provide one of the products indicated for each designation in the Fire-Protection Cabinet Schedule at the end of Part 3.

## **2.02 MATERIALS**

- A. Aluminum: Alloy and temper recommended by aluminum producer and manufacturer for type of use and finish indicated, and as follows:
1. Sheet: ASTM B 209 (ASTM B 209M).

## **2.03 PORTABLE FIRE EXTINGUISHERS**

- A. General: Provide fire extinguishers of type, size, and capacity for each cabinet and other locations indicated.
1. Product: Subject to compliance with requirements, provide "Halotron I" by Buckeye Fire Equipment Company.

## **2.04 FIRE-PROTECTION CABINETS**

- A. Cabinet Construction: Provide manufacturer's standard box (tub), with trim, frame, door, and hardware to suit cabinet type, trim style, and door style indicated. Weld joints and grind smooth. Miter and weld perimeter door frames.
1. Fire-Rated Cabinets: Listed and labeled to meet requirements of ASTM E 814 for fire-resistance rating of wall where it is installed.
    - a. Construct fire-rated cabinets with double walls fabricated from 0.0478-inch- (1.2-mm-) thick, cold-rolled steel sheet lined with minimum 5/8-inch- (16-mm-) thick, fire-barrier material.
    - b. Provide factory-drilled mounting holes.
  2. Cabinet Metal: Enameled-steel sheet.
  3. Cabinet Metal: Aluminum sheet.
- B. Cabinet Type: Suitable for the following:
1. Fire extinguisher.
- C. Cabinet Mounting: Suitable for the following mounting conditions:
1. Recessed: Cabinet box recessed in walls of sufficient depth to suit style of trim indicated.

2. Semirecessed: Cabinet box partially recessed in walls of shallow depth to suit style of trim indicated.
- D. Cabinet Trim Style: Fabricate cabinet trim in one piece with corners mitered, welded, and ground smooth.
1. Exposed Trim: One-piece combination trim and perimeter door frame overlapping surrounding wall surface with exposed trim face and wall return at outer edge (backbend).
    - a. Flat Trim: 1/4- to 5/16-inch (6- to 8-mm) backbend depth.
    - b. Rolled-Edge Trim: 4-inch (102-mm) backbend depth.
- E. Cabinet Trim Material: Manufacturer's standard, as follows:
1. Same metal and finish as door.
- F. Door Material: Manufacturer's standard, as follows:
1. Aluminum sheet.
- G. Door Glazing: Manufacturer's standard, as follows:
- H. Door Style: Manufacturer's standard design, as follows:
- I. Door Construction: Fabricate doors according to manufacturer's standards, of materials indicated, and coordinated with cabinet types and trim styles selected.
1. Provide minimum 1/2-inch- (13-mm-) thick door frames, fabricated with tubular stiles and rails, and hollow-metal design.
  2. Provide inside latch and lock for break-glass panels.
- J. Door Hardware: Provide manufacturer's standard door-operating hardware of proper type for cabinet type, trim style, and door material and style indicated. Provide either lever handle with cam-action latch, or exposed or concealed door pull and friction latch. Provide concealed or continuous-type hinge permitting door to open 180 degrees.

## **2.05 ACCESSORIES**

- A. Mounting Brackets: Manufacturer's standard steel, designed to secure extinguisher, of sizes required for types and capacities of extinguishers indicated, with plated or baked-enamel finish.
1. Provide brackets for extinguishers not located in cabinets.

- B. Break-Glass Strike: Provide manufacturer's standard metal strike, complete with chain and mounting clip, secured to cabinet.
- C. Lettered Door Handle: Provide one-piece, cast-iron door handle with the word "FIRE" embossed into face.
- D. Door Locks: Provide cylinder lock, with all cabinets keyed alike.
- E. Identification: Provide lettering to comply with authorities having jurisdiction for letter style, color, size, spacing, and location. Locate as indicated by Architect.
  - 1. Identify fire extinguisher in cabinet with the words "FIRE EXTINGUISHER" applied to door.
    - a. Application Process: Silk-screened.
    - b. Lettering Color: Red.
    - c. Orientation: Vertical.

## **2.06 COLORS AND TEXTURES**

- A. Colors and Textures: As selected by Architect from manufacturer's full range for these characteristics.

## **2.07 FINISHES**

- A. Comply with NAAMM's "Metal Finishes Manual for Architectural and Metal Products" for recommendations for applying and designating finishes.
- B. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.
- C. Appearance of Finished Work: Variations in appearance of abutting or adjacent pieces are acceptable if they are within one-half of the range of approved Samples. Noticeable variations in the same piece are not acceptable. Variations in appearance of other components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.
- D. Cabinet and Door Finishes: Provide manufacturer's standard baked-enamel paint for the following:
  - 1. Exterior of cabinets and doors, except for those surfaces indicated to receive another finish.
  - 2. Interior of cabinets and doors.

## **2.08 ALUMINUM FINISHES**



- A. Finish designations prefixed by AA comply with the system established by the Aluminum Association for designating aluminum finishes.
- B. Baked-Enamel Finish: AA-C12C42R1x (Chemical Finish: cleaned with inhibited chemicals; Chemical Finish: acid-chromate-fluoride-phosphate conversion coating; Organic Coating: as specified below). Apply baked enamel complying with paint manufacturer's specifications for cleaning, conversion coating, and painting.
  - 1. Organic Coating: Thermosetting, modified-acrylic enamel primer/topcoat system complying with AAMA 603.8 except with a minimum dry film thickness of 1.5 mils (0.04 mm), medium gloss.
  - 2. Color: As selected by Architect from manufacturer's full range.

## **PART 3 EXECUTION**

### **3.1 EXAMINATION**

- A. Examine walls and partitions for suitable framing depth and blocking where recessed and semirecessed cabinets are to be installed.
- B. Examine fire extinguishers for proper charging and tagging.
  - 1. Remove and replace damaged, defective, or undercharged units.
- C. Proceed with installation only after unsatisfactory conditions have been corrected.

### **3.02 INSTALLATION**

- A. Comply with manufacturer's written instructions for installing fire-protection specialties.
- B. Install in locations and at mounting heights indicated or, if not indicated, at heights acceptable to authorities having jurisdiction.
  - 1. Prepare recesses for cabinets as required by type and size of cabinet and trim style.
  - 2. Fasten mounting brackets to structure and cabinets, square and plumb.
  - 3. Fasten cabinets to structure, square and plumb.

### **3.03 ADJUSTING, CLEANING, AND PROTECTION**

- A. Adjust cabinet doors that do not swing or operate freely.
- B. Refinish or replace cabinets and doors damaged during installation.

- C. Provide final protection and maintain conditions that ensure that cabinets and doors are without damage or deterioration at the time of Substantial Completion.

**END OF SECTION**